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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**NATIONAL PHOTOGRAPHIC
INTERPRETATION CENTER**

**AIR WARNING RADAR FACILITIES
IN THE MIDDLE EAST, NOVEMBER 1971**

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MARCH 1972

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MEMORANDUM FOR: Recipients of

SUBJECT : Air Warning Radar Facilities in the Middle
East Photo Interpretation Report Dated
March 1972

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The accompanying pages replace the table which appeared
on pages 3 through 6 of the referenced report.

WARNING NOTICE
Sensitive Intelligence Sources
and Methods Involved.

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Table 1. AW Radar Facilities in the Middle East as of November 1971

Facility	Geographic Coordinates	Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounds	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYSA B	PLESSEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYSA C	PLESSEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
EGYPT (Numbers keyed to Figure 1)																															
Abu Radm AW Radar Facility (60)	27-15-55N 032-30-10E	•			•		2	1								1p							1								
Abu Sultan Probable AW Radar Facility (46)	30-23-40N 032-17-30E	•				•											1a														
Abu Suweir Airfield AW Radar Facility (34)	30-35-00N 032-08-05E	•					4									1			1p			1p							1		
Abu Suweir AW Radar Facility (33)	30-34-30N 032-07-20E	•			•		2																							2	
Alexandria AW Radar Facility 2 (5)	31-02-30N 029-48-00E	•			•		6	2		1a					1	1						2									
Alexandria AW Radar Facility (7)	31-18-50N 030-03-05E	•				•	1		1						1																
Al Fayyum Airfield AW Radar Facility (41)	29-33-25N 030-53-30E	•			•		2		1						1							1									
Al Mansurah Tall King AW Radar Facility (20)	30-56-40N 031-26-30E	•			•													1												1	
Al Manzilah AW Radar Facility (17)	31-03-40N 031-51-10E	•			•		1															1								1	
Al Minya AW Radar Facility (57)	28-05-15N 030-47-50E	•			•				1p																					1	
Al Qusayr AW Radar Facility (63)	26-04-05N 034-18-10E	•	•		•		1																1								
Al Rahmaniyyah AW Radar Facility (11)	31-01-10N 030-36-35E	•			•		1																							1	
Almaza AW Radar Facility (29)	30-05-00N 031-21-50E	•				•																									
As Salhiyyah AW Radar Facility (48)	30-47-00N 032-01-00E	•	•				1																								
Aswan AW Radar Facility (71)	23-57-25N 032-49-50E	•			•		12	1		1a					3							1	1			1					
Az Zagazig AW Radar Facility (32)	30-34-40N 031-40-20E	•			•		1																								
Baltim AW Radar Facility (15)	31-33-45N 031-04-30E	•				•																									
Baltim AW Radar Facility 2 (14)	31-31-11N 031-09-15E	•	•	•			2	1							1p							1p									
Beni Suef Tall King AW Radar Facility (51)	29-10-40N 030-59-50E	•			•		1			1a								1											1a		
Beni Suef AW Radar Facility (52)	29-10-10N 030-59-50E	•	•	•			8		1						1							1						1a			
Beni Suef AW Radar Facility (53)	29-11-50N 031-02-00E	•			•		2	1															1								
Bilbays Airfield AW Radar Facility (31)	30-24-00N 031-34-20E	•			•		1																								
Bir Safajah Probable AW Radar Facility (62)	26-36-30N 034-00-00E	•			•																										
Birma Airfield AW Radar Facility (22)	30-48-20N 030-57-50E	•	•	•			2																							1	
Cairo AW Radar Facility (28)	30-01-00N 031-16-40E	•			•												1													1	
Cairo AW Radar Facility 3 (38)	30-00-25N 031-19-25E	•			•											1														1	
Cairo AW Radar Facility 2 (43)	30-01-40N 031-16-40E	•			•		1	1																							
Cairo West Airfield Probable AW Radar Facility 2 (27)	30-07-05N 030-56-20E	•	•	•			5																								
Cairo West Airfield AW Radar Facility (26)	30-07-20N 030-55-20E	•			•		3	1	1	1p					1a	1						1									
Damanhur AW Radar Facility (10)	31-01-00N 030-36-30E	•			•		4	1							1p							1							2		
Damietta/Ras-El Barr AW Radar Facility (16)	31-27-30N 031-47-00E	•			•		2																1						3		
Daraw Airfield AW Radar Facility (70)	24-25-40N 032-57-05E	•			•		2	1															1								
El Agami AW Radar Facility 2 (4)	31-03-28N 029-42-55E	•			•		3																				1p				
El Agami AW Radar Facility 3 (3)	029-44-20E 31-04-20N	•			•	1		1															1								

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Table 1. AW Radar Facilities in the Middle East as of November 1971 (Cont'd)

Facility	Geographic Coordinates
El Mansura AW Radar Facility (21)	30-57-21N 031-25-58E
Fayid Airfield AW Radar Facility 2 (42)	30-19-30N 032-16-40E
Faiyum Road AW Radar Facility (47)	29-42-00N 030-54-40E
Gamal Airfield AW Radar Facility (19)	31-16-30N 032-14-50E
Gebel Buhit AW Radar Facility (25)	29-53-25N 030-21-20E
Gebel El Basur AW Radar Facility (24)	30-31-30N 030-33-00E
Helwan AW Radar Facility NE (40)	29-54-57N 031-23-32E
Helwan AW Radar Facility (39)	29-55-00N 031-21-00E
Hurghada AW Radar Facility (61)	27-12-50N 033-49-15E
Idru Probable AW Radar Facility (67)	25-02-00N 033-31-00E
Idku AW Radar Facility 1 (6)	31-18-52N 030-20-26E
Inchas AW Radar Facility (36)	30-18-40N 031-27-45E

Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounds	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYS A B	PLESEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYS A C	PLESEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
•			•		8	2								1p							2							1	
•			•												2													1	
	•			•	2																							1	
	•			•	2		1							1	1						1					1a			
	•			•	2		1							1a							1a								
	•		•	•	4		1																						
		•		•																								1	
	•			•	3		1	1a						1								1							
		•	•	•										1	1														
	•			•	2												1a											1	
	•			•	1		1																						

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Table 1. AW Radar Facilities in the Middle East as of November 1971 (Cont'd)

Facility	Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounts	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYSAB	PLESSEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYSAC	PLESSEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
Inchas AW Radar Facility SW (35)	•	•	•		•	4	2								1							2								
Jiyanklis Airfield AW Radar Facility NE (9)	•				•	2																1								
Jiyanklis Airfield AW Radar Facility (8)	•			•		6	2								1							1					1a			
Junayfah AW Radar Facility (37)	•				•																	1						1		
Kafir El Sheikh AW Radar Facility (23)	•				•	2																						4		
Kafir Daud AW Radar Facility (12)	•				•	2	1															1								
Kom Ombo AW Radar Facility (69)		•			•	1																								
Luxor Airfield AW Radar Facility 2 (66)	•		•	•		4	1								1							2					1			
Marsa AL Alam AW Radar Facility (68)	•				•	2										1p													1	
Matruh AW Radar Facility (2)	•				•	2	1		1						1	1						1					1			
Port Said AW Radar Facility (18)	•				•	2													3								2p			
Qift AW Radar Facility (65)	•				•	1	1																						1	
Quweisina Airfield AW Radar Facility (30)		•			•	1																								
Ras Banas AW Radar Facility (72)	•				•	1		1							1												1p			
Ras Gharib AW Radar Facility (68)		•	•	•		1																								
Ras Jimsah AW Radar Facility (59)	•				•																							3		
Saiyah El Shirif Airfield AW Radar Facility (13)		•	•	•		3																								
Suez AW Radar Facility (49)	•				•											1														
Treaty Road AW Radar Facility (45)	•				•	1												1	1					1				1		
Wadi Abu Rish Airfield AW Radar Facility (54)	•				•	3	1			1a					1	1						2								
Wadi Abu Shihat AW Radar Facility (64)	•			•	•		1																						1	
Wadi AL Jandali Airfield AW Radar Facility (44)	•			•	•	2	1								1p	1						1								
Wadi Hugu AW Radar Facility (50)	•				•										1p	1													1	
Wadi Muathil AW Radar Facility (56)	•		•	•		3		1														1p								
Zafaranah AW Radar Facility (55)	•				•	3		1p														1p								
	57	14	14	55	15	140	29	9	3	5					25	15	2	3	4			31	2	1	1	1	9		31	
LIBYA																														
Gamal Abd-El-Nasser Airfield AW Radar Facility (1)	•		•	•		1		1																						
	1		1	1		1		1																						

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Table 1. AW Radar Facilities in the Middle East as of November 1971 (Cont'd)

				Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounds	BAH LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYSA B	PLESSEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYSA C	PLESSEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET				
Facility	Geographic Coordinates	BE Number	Mission/Date 1971																																		
SYRIA																																					
Deyr Az Zawr AW Radar Facility (91)				●				●		1																							25				
Dumayr AW Radar Facility SSE (84)				●		●			4	2															2												
Hamah AW Radar Facility (90)				●				●		p	1a																2a										
Hims AW Radar Facility (87)				●		●			1																	1											
Jabal Al Mani AW Radar Facility (82)					●		●		1																												
Lattaguie AW Radar Facility NW (89)				●			●		2	1	1																										
Marj Es Soltan AW Radar Facility (83)				●			●		4	2																	2										
Tartus AW Radar Facility (88)				●			●		1	1												1p					1p										
Tiyas Airfield AW Radar Facility (86)								●		1	1	1													1												
Tiyas Airfield AW Radar Facility 2 (85)				●	●																																
JORDAN																																					
Al Qatranah AW Radar Facility (94)				●				●			1																										
H-S Airfield AW Radar Facility (96)					●			●																													
Prince Mohammed AW Radar Facility (92)				●				●														1a					1a										
Rihab AW Radar Facility (93)				●				●														1					1p										
Ruwayshid Airfield AW Radar Facility (97)				●				●			1a																										
Tei Al Asfar AW Radar Facility (95)				●				●														2					1p										
IRAQ																																					
Al Kut AW Radar Facility (107)					●			●																													
Ash Shuaybah AW Radar Facility 1 (108)				●			●		1													1											1p				
Ash Shuaybah AW Radar Facility 2 (109)				●			●		1		1	2	2																				3p				
Az Zubaydiyah AW Radar Facility (106)				●			●		2																												
Habbaniyah Plateau AW Radar Facility (101)					●		●		1													1					1										

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TOP SECRET RUFF**AIR WARNING RADAR FACILITIES IN THE MIDDLE EAST,
NOVEMBER 1971****INTRODUCTION**

1. This is a report on the status of air warning (AW) radar facilities in the Middle East as of November 1971. The information in this report has been derived from a review of all KEYHOLE photography covering Egypt, Libya, Jordan, Syria, Iraq, Lebanon, through November 1971. The report supersedes an earlier report with the same title but with a cutoff date of February 1971.

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2. AW radar facilities considered in this report do not include radars directly associated with surface-to-air missile sites or with antiaircraft artillery sites.

3. Dummy equipment has been used at AW radar facilities in the Middle East but dummy radar equipment as yet cannot be identified on photography. Therefore, the presence of a radar or an occupied mound at a site, as reported in Table 1 of this report, does not necessarily mean that either the radar or the site was operational at the time observed.

4. Table 1 also designates hard and soft radar sites. Hard sites are those which have concrete command and control bunkers, radar mounds, and permanent-type facilities, and are usually fenced. Soft sites are those which have radar pads or revetments, are of a nonpermanent nature, and usually have an indistinct control area made up of vehicle revetments.

BASIC DESCRIPTION

5. As of November 1971, 109 AW radar facilities have been identified in the Middle East. Of these, 71 of the sites are in Egypt, one is in Libya, nine are in Israel, ten are in Syria, six are in Jordan, and 12 are in Iraq. No AW radar sites have been identified in Lebanon. Locations of the AW radar sites identified in Egypt and Libya are shown on Figure 1 and Table 1. Locations of the AW radar sites identified in Israel, Syria, Jordan, and Iraq are shown in Figure 2 and Table 1.

Egypt

6. A total of 71 radar sites have been identified in Egypt. Only 11 radar sites had been identified in Egypt at the time of the June 1967 Arab/Israeli war. Fifty-four of the sites were occupied, and over half of these sites were occupied with at least one range and azimuth radar and one height-finding radar. Fifty-five of the sites have been hardened. A typical hardened Egyptian radar site is shown on Figure 3.

Libya

7. Only one radar site has been identified in Libya.

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Syria

9. There were ten AW radar sites identified in Syria, eight of which were occupied. Six of the sites have been hardened.

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Jordan

10. Six AW radar sites were identified in Jordan, five of which were occupied. None of the radar sites in Jordan has been hardened.

Iraq

11. There were 12 AW radar sites in Iraq, seven of which were occupied. AW capabilities in Iraq have been increased with the identification of FLAT FACE and SPOON REST radars since September 1971. Eight of the radar sites in Iraq have been hardened. One of the radar sites with newly identified FLAT FACE radars is shown on Figure 4.

REFERENCES

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Related Document

NPIC. *Air Warning Radar Facilities in the Middle East, June 1967 - February 1971, Apr 71 (TOP SECRET RUFF)*

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NPIC/IEG/SGD Project 14332NG

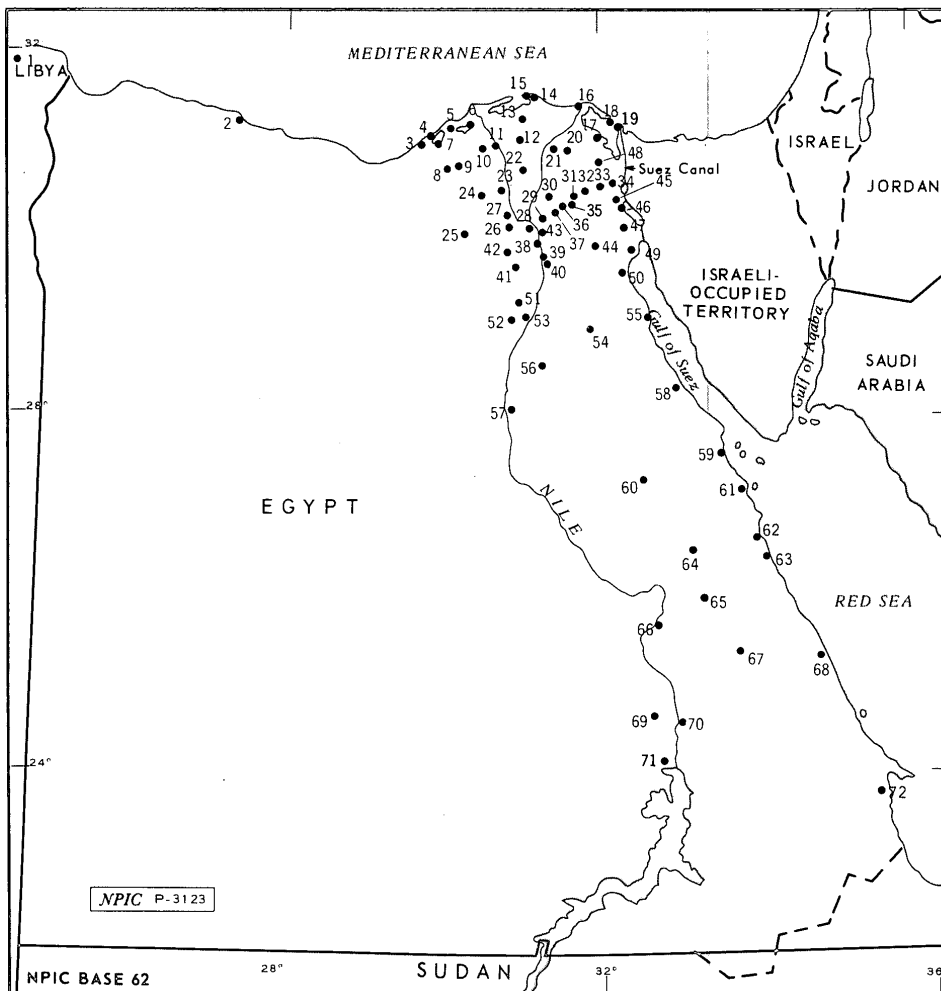


FIGURE 1. AW RADAR FACILITIES IN EGYPT AND LIBYA

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MEMORANDUM FOR: Recipients of [REDACTED], PIR-005/72
Air Warning Radar Facilities in the
Middle East
Photo Interpretation Report
Dated March 1972

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SUBJECT : Corrections to Table

Please note the following corrections to Table 1 in the referenced report:

1. Page 3, Aswan AW Radar Facility (71)
--change 1 Unid Height Finder to 1 LONG TRACK
2. Page 3, Burma Airfield AW Radar Facility (72)
--change 1 Radome to 1 Unid Radar
3. Page 5, Port Said AW Radar Facility (18)
--change 1 FLAT FACE, 1 SPOON REST, 1 SQUAT EYE to
3 Unid Range and Azimuth
4. Page 6, Bir Jifjafah AW Radar Facility (75)
--change 2 TALL KING to 2 Unid Range and Azimuth
5. The totals on pages 5 and 6 should be changed accordingly.

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Table 1. AW Radar Facilities in the Middle East as of November 1971

Facility	Geographic Coordinates	Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounts	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYSA B	PLESEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYSA C	PLESEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
EGYPT (Numbers keyed to Figure 1)																															
Abu Radm AW Radar Facility (60)	27-15-55N 032-30-10E	•			•	2	1									1p							1								
Abu Sultan Probable AW Radar Facility (46)	30-23-40N 032-17-30E	•	•														1a														
Abu Suweir Airfield AW Radar Facility (34)	30-35-00N 032-08-05E	•		•		4										1		1p				1p								1	
Abu Suweir AW Radar Facility (33)	30-34-30N 032-07-20E	•			•	2																									2
Alexandria AW Radar Facility 2 (5)	31-02-30N 029-48-00E	•			•	6	2			1a					1	1							2								
Alexandria AW Radar Facility (7)	31-18-50N 030-03-05E	•			•		1		1						1																
Al Fayyum Airfield AW Radar Facility (41)	29-33-25N 030-53-30E	•			•	2			1						1								1								
Al Mansurah Tall King AW Radar Facility (20)	30-56-40N 031-26-30E	•			•													1													
Al Manzilah AW Radar Facility (17)	31-03-40N 031-51-10E	•			•	1																	1							1	
Al Minya AW Radar Facility (57)	28-05-15N 030-47-50E	•			•					1p																				1	
Al Qusayr AW Radar Facility (63)	26-04-06N 034-18-10E		•		•	1																									1
Al Rahmaniyyah AW Radar Facility (11)	31-01-10N 030-36-35E	•			•																										
Almaza AW Radar Facility (29)	30-05-00N 031-21-50E		•		•																										
As Salihyah AW Radar Facility (48)	30-47-00N 032-01-00E		•	•		1																									
Aswan AW Radar Facility (71)	23-57-25N 032-49-50E	•			•	12		1		1a						3							1	1	1						
Az Zagezig AW Radar Facility (32)	30-34-40N 031-40-20E		•		•	1																									
Baltim AW Radar Facility (15)	31-33-45N 031-04-30E		•		•																										
Baltim AW Radar Facility 2 (14)	31-31-11N 031-09-15E	•	•	•		2	1									1p							1p								
Beni Suef Tall King AW Radar Facility (51)	29-10-40N 030-59-50E	•			•	1				1a								1											1a		
Beni Suef AW Radar Facility (52)	29-10-10N 030-59-50E	•		•	•	8			1						1								1						1a		
Beni Suef AW Radar Facility (53)	29-11-50N 031-02-00E	•			•	2	1																1								
Bilbays Airfield AW Radar Facility (31)	30-24-00N 031-34-20E	•			•	1	1																								
Bir Safajah Probable AW Radar Facility (62)	26-36-30N 034-00-00E		•		•																										
Birma Airfield AW Radar Facility (22)	30-48-20N 030-57-50E	•		•	•	2																									
Cairo AW Radar Facility (28)	030-57-50E 30-01-00N	•			•												1														
Cairo AW Radar Facility 3 (38)	031-16-40E 30-00-25N	•			•											1															
Cairo AW Radar Facility 2 (43)	031-19-25E 30-01-40N	•			•	1	1																								
Cairo West Airfield Probable AW Radar Facility 2 (27)	031-16-40E 30-07-05N		•	•	•	5																									
Cairo West Airfield AW Radar Facility (26)	030-56-20E 30-07-20N	•			•	3	1	1	1	1p						1a	1						1								
Damanhur AW Radar Facility (10)	030-55-20E 31-01-00N	•			•	4	1									1p							1								
Damietta/Ras-El Barr AW Radar Facility (16)	030-36-30E 31-27-30N	•			•	2																	1							2	
Daraw Airfield AW Radar Facility (70)	031-47-00E 24-25-40N	•			•	2	1																1							3	
El Agami AW Radar Facility 2 (4)	032-57-05E 31-03-28N	•			•	3																									
El Agami AW Radar Facility 3 (3)	029-42-55E 31-04-20N	•			•	1		1																			1p				
	029-44-20E																							1							

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Table 1. AW Radar Facilities in the Middle East as of November 1971 (Cont'd)

Facility	Geographic Coordinates
El Mansura AW Radar	30-57-21N
Facility (21)	031-25-58E
Fayid Airfield AW Radar	30-19-30N
Facility 2 (42)	032-18-40E
Faiyum Road AW Radar	29-42-00N
Facility (47)	030-54-40E
Gamal Airfield AW Radar	31-16-30N
Facility (19)	032-14-50E
Gebel Buhit AW Radar	29-53-25N
Facility (25)	030-21-20E
Gebel El Basur AW Radar	30-31-30N
Facility (24)	030-33-00E
Helwan AW Radar Facility	29-54-57N
NE (40)	031-23-32E
Helwan AW Radar Facility (39)	29-55-00N
	031-21-00E
Hurghada AW Radar	27-12-50N
Facility (61)	033-49-15E
Idfu Probable AW Radar	25-02-00N
Facility (87)	033-31-00E
Idku AW Radar Facility 1 (6)	31-18-52N
	030-20-26E
Inchas AW Radar	30-18-40N
Facility (36)	031-27-45E

Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounds	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYS A 8	PLESSEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYS A C	PLESSEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
•			•		8	2								1p							2							1	
•			•											2														1	
	•			•	2																	1				1a			
	•		•		2		1							1	1														
	•		•		2		1							1a							1a								
	•	•	•		4		1																						
		•		•																								1	
	•		•											1															
	•		•		3		1	1a						1	1						1								
		•	•	•																									
	•		•		2													1a										1	
	•			•	1		1																						

Table 1. AW Radar Facilities in the Middle East as of November 1971 (Cont'd)

Facility	Geographic Coordinates	Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounds	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYSA B	PLESSEY	RANMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYSA C	PLESSEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
Inchas AW Radar Facility SW (35)	30-19-25N 031-25-00E	•	•	•		4	2									1							2								
Jiyanklis Airfield AW Radar Facility NE (9)	30-49-50N 030-12-00E	•				2																	1								
Jiyanklis Airfield AW Radar Facility (8)	30-48-40N 030-10-50E	•				6	2									1							1					1a			
Junayfah AW Radar Facility (37)	30-11-40N 032-27-30E	•																												1	
Kafr El Sheikh AW Radar Facility (23)	31-06-30N 030-59-00E	•				2																								4	
Kafir Daud AW Radar Facility (12)	30-32-50N 030-43-20E	•				2	1																1								
Kom Ombo AW Radar Facility (69)	24-29-30N 032-54-20E		•			1																									
Luxor Airfield AW Radar Facility 2 (66)	25-40-30N 032-44-00E	•		•	•	4	1									1							2					1			
Marsa AL Alam AW Radar Facility (68)	25-10-00N 034-50-50E	•				2											1p													1	
Matruh AW Radar Facility (2)	31-17-15N 027-13-16E	•			•	2	1		1							1	1						1					1			
Port Said AW Radar Facility (18)	31-17-10N 032-12-50E	•			•	2				1						1	1											2p			
Qift AW Radar Facility (65)	25-52-00N 033-19-40E	•				•	1	1																						1	
Quweisna Airfield AW Radar Facility (30)	30-34-50N 031-07-48E		•		•	1																									
Ras Banas AW Radar Facility (72)	23-56-50N 035-28-50E	•				1			1							1												1p			
Ras Gharib AW Radar Facility (58)	28-19-30N 033-04-55E		•	•	•	1																									3
Ras Jimsah AW Radar Facility (59)	27-43-02N 033-31-30E	•																													
Saiyah El Shrif Airfield AW Radar Facility (13)	31-21-45N 030-55-40E		•	•	•	•	3																								
Suez AW Radar Facility (49)	29-58-37N 032-28-09E	•			•												1														
Treaty Road AW Radar Facility (45)	30-26-28N 032-15-09E	•			•	1													1	1						1					1
Wadi Abu Rish Airfield AW Radar Facility (54)	29-01-00N 031-42-00E	•			•	3	1			1a						1	1						2								1
Wadi Abu Shihab AW Radar Facility (64)	26-29-00N 033-06-55E	•		•	•	•	1																								
Wadi AL Jendali Airfield AW Radar Facility (44)	30-02-40N 031-51-20E	•			•	2	1									1p	1						1								
Wadi Hugul AW Radar Facility (50)	29-41-00N 032-20-00E	•			•											1p	1														1
Wadi Muathil AW Radar Facility (56)	28-36-00N 031-18-00E	•		•	•	•	3			1													1p								
Zafaramah AW Radar Facility (55)	29-10-20N 032-38-30E	•			•	•	3			1p													1p								
		57	14	14	55	15	140	29	9	4	5					26	16	2	3	1			31	2	2		1	9	1	30	
LIBYA																															
Gamal Abd-El-Nasser Airfield AW Radar Facility (1)	31-51-58N 023-53-55E	•		•	•	•	1			1																					
		1		1	1	1	1			1																					

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Table 1. AW Radar Facilities in the Middle East as of November 1971 (Cont'd)

Facility	Geographic Coordinates	BE Number	Mission/Date 1971	Occupied	Unoccupied Under Construction	Hard Site	Soft Site	No. of Radar Mounds	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYSA B	PLESEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYSA C	PLESEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
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SYRIA
Dayr Az Zawr AW Radar Facility (91) 35-17-55N 040-10-01E
Dumayr AW Radar Facility SSE (84) 33-34-00N 036-43-30E
Hamah AW Radar Facility (90) 35-13-20N 036-53-05E
Hims AW Radar Facility (87) 34-40-30N 036-47-35E
Jabal Al Mani AW Radar Facility (82) 33-19-45N 036-17-00E
Lattagula AW Radar Facility NW (89) 35-33-40N 035-44-42E
Marj Es Soltan AW Radar Facility (83) 33-29-30N 036-28-30E
Tartus AW Radar Facility (88) 34-50-40N 035-54-30E
Tiyas Airfield AW Radar Facility (86) 34-33-20N 037-35-25E
Tiyas Airfield AW Radar Facility 2 (85) 34-33-00N 037-35-45E

JORDAN
Al Qatranah AW Radar Facility (94) 31-16-45N 036-15-45E
H-5 Airfield AW Radar Facility (96) 32-12-50N 037-05-00E
Prince Mohammed AW Radar Facility (92) 32-19-00N 035-48-10E
Rihab AW Radar Facility (93) 32-19-30N 036-06-05E
Ruwayshid Airfield AW Radar Facility (97) 32-25-23N 039-08-24E
Tel Al Asfar AW Radar Facility (95) 32-13-00N 036-51-00E

IRAQ
Al Kut AW Radar Facility (107) 32-30-45N 045-47-50E
Ash Shuaybah AW Radar Facility 1 (108) 30-25-44N 047-37-20E
Ash Shuaybah AW Radar Facility 2 (109) 30-24-15N 047-40-00E
Az Zubaydiyah AW Radar Facility (106) 32-45-25N 045-09-55E
Habbaniyah Plateau AW Radar Facility (101) 33-20-35N 043-34-40E

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Table 1. AW Radar Facilities in the Middle East as of November 1971 (Cont'd)

Facility	Geographic Coordinates
Habbaniyah Probable AW Radar Facility (100)	33-21-40N 043-34-30E
H-3 AW Radar Facility 2 (98)	32-55-05N 039-42-10E
H-3 Airfield AW Radar Facility (99)	32-55-05N 039-42-10E
Kirkuk Military Airfield	35-27-22N 044-21-30E
AW Radar Facility (103)	35-15-50N 043-07-50E
Mosul Airfield AW Radar Facility (102)	33-16-50N 044-29-20E
Rashid Airfield AW Radar Facility (105)	33-31-08N 044-14-48E
Camp Taji AW Radar Facility (104)	

Occupied	Unoccupied	Under Construction	Hard Site	Soft Site	No. of Radar Mounds	BAR LOCK	BIG BAR	FLAT FACE	KNIFE REST	MARCONI	NYSA B	PLESSEY	RAMOLO	SPOON REST	SQUAT EYE	TALL KING	TOKEN	UNID RANGE & AZIMUTH	NYSA C	PLESSEY	SIDE NET	THIN SKIN	UNID HEIGHT FINDER	LONG TRACK	LOW SIEVE	SCORE BOARD	RADOMES	UNID RADAR	FISH NET
●	●	●	●	●	1																								
●	●	●	●	●	1		1		1p					1	1p			1											1a
●	●	●	●	●			1		1a								1a												
●	●	●	●	●	2	2	1	2													3								
7	5		8	4	9	2	4	4	4					2			3	1			3	1						5	

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